



## Northrop Grumman's SYNOPTICS Introduces New Material for Short-Pulsed Laser Devices

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CHARLOTTE, N.C., July 6, 2015 /PRNewswire/ -- SYNOPTICS, a Northrop Grumman Corporation (NYSE: NOC) company, celebrated its 50th anniversary at Laser World of Photonics with the release of a new product for short-pulsed lasers in Munich, June 22-25.

***NORTHROP GRUMMAN***

A blue swoosh graphic that starts under the 'N' and curves upwards and to the right, ending under the 'M'.

SYNOPTICS unveiled the addition of titanium-doped sapphire (Ti:Sapphire) to the company's product portfolio. "With its superior material properties, Ti:Sapphire is a material of choice for short-pulsed lasers operating with wide tunability range," said Kevin Stevens, director, research and development of crystal growth, SYNOPTICS. SYNOPTICS currently offers part sizes up to 25 mm in length at various absorption and figure-of-merit levels. High quality, low surface roughness (< 1.5 angstroms) Brewster cut samples, as well as high-damage threshold coatings are also available.

Founded in 1965 as part of Litton Industries, SYNOPTICS is a critical supplier for a diverse commercial business that crosses the medical, industrial and scientific laser markets. "Our ability to achieve this milestone is due to our focus on quality, capacity and reliability and this is how we separate ourselves from the competition," said Scott Griffin, director, business development, SYNOPTICS.

SYNOPTICS has been recognized several times for their operational excellence since joining Northrop Grumman's Aerospace Products enterprise in 2001. It has received the Northrop Grumman Aerospace Systems Quality Award five times and the President's Award in 2009.

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